

EnviroTech News - April, 2007

U.S. EPA Environmental Technology Opportunities Portal (ETOP)

Welcome to EnviroTech News, a service provided through EPA's Environmental Technology program by the Environmental Technology Opportunities Portal (ETOP). This monthly newsletter contains information relevant to the environmental technology industry under the following headings: Government Funding Opportunities, Environmental Technology Verification (ETV) Opportunities, and Upcoming Events. Special issues of EnviroTech News feature Technology Opportunities; this section offers the unique opportunity to connect with individuals or companies that may be looking for new solutions to specific environmental problems. We try to keep EnviroTech News as brief as possible while providing information relevant to your needs. This information, updated weekly, may also be found at <http://www.epa.gov/etop/funding>

#### GOVERNMENT FUNDING OPPORTUNITIES

##### ENVIRONMENTAL PROTECTION AGENCY

(New) EPA, REGION 9, REQUESTS PROPOSALS FOR THE SOLID WASTE MANAGEMENT ASSISTANCE PROGRAM. RESPONSES DUE 4/18/07. The aim of this initiative is to support innovative ideas and demonstrations for addressing solid waste reduction and management. Projects must take place in EPA Region 9 which includes AZ, CA, HI, NV, the Federally recognized Tribes in these states, and the Pacific Territories. \$200K expected to be available, up to 6 awards anticipated. For more info, contact Cara Peck at [peck.cara@epa.gov](mailto:peck.cara@epa.gov) or go to: <http://www.epa.gov/region09/funding/rcra-2007.html>. Refer to Sol# EPA-R9-WST7-07-002.

EPA REQUESTS PROPOSALS FOR AN INTERDISCIPLINARY APPROACH TO EXAMINING THE LINKS BETWEEN SOCIAL STRESSORS, BIODIVERSITY AND HUMAN HEALTH. RESPONSES DUE 4/19/07. EPA, as part of its Science to Achieve Results (STAR) program, is seeking applications proposing to use interdisciplinary approaches to study the relationship between anthropogenic stressors (within ecosystems), changes in host and/or vector biodiversity, and infectious disease transmission. \$2.25M expected to be available for up to 3 awards. More information at: [http://es.epa.gov/ncer/rfa/2007/2007\\_biodiversity\\_health.html](http://es.epa.gov/ncer/rfa/2007/2007_biodiversity_health.html)

EPA, REGION 1 REQUESTS PROPOSALS FOR THE HEALTHY COMMUNITIES GRANT PROGRAM. RESPONSES DUE 5/11/07. This program supports projects in areas including but not limited to: Targeted resources for the benefit of sensitive populations and communities at risk, and building institutional and community capacity to understand and solve environment and human health problems. Project must take place in EPA Region 1 which includes CT, ME, MA, NH, RI, and VT. \$500K expected to be available, up to 25 awards anticipated. For more info, contact Sandra Brownwell at [Brownwell.Sandra@epa.gov](mailto:Brownwell.Sandra@epa.gov) or go to: <http://www.grants.gov/search/search.do?oppId=12476&mode=VIEW> Refer to Sol# EPA-R1-HC-2007.

(New) EPA SEEKS CONTRACT PROPOSALS FOR THE SMALL BUSINESS INNOVATION RESEARCH (SBIR) PROGRAM, PHASE I. PROPOSALS DUE 5/23/07. This procurement is a total small business set-aside. During Phase I contractors shall conduct feasibility-related experimental research on the environmental topics. 40 awards anticipated, individual awards NTE \$70K. For more info, contact Marsha

Johnson at [johnson.marsha@epa.gov](mailto:johnson.marsha@epa.gov) or go to:  
[http://es.epa.gov/ncer/rfa/2007/2007\\_sbir\\_phase1.html](http://es.epa.gov/ncer/rfa/2007/2007_sbir_phase1.html)

EPA IS SEEKING APPLICATIONS PROPOSING TO DEVELOP IN SILICO MODELING APPLICATIONS OF BIOLOGICAL SYSTEMS IN AREAS AS DIVERSE AS RECEPTOR LIGAND INTERACTIONS IN CELL SIGNALING, SIMULATED ORGAN DYSFUNCTION (E.G., HEART, LIVER, KIDNEY), AND SYSTEMIC RESPONSE TO ENVIRONMENTAL TOXICANTS AND POLLUTANTS. RESPONSES DUE 6/12/07. Approximately \$6.8 million total is available for approximately 2 awards. More info at  
[http://es.epa.gov/ncer/rfa/2007/2007\\_comp\\_tox.html](http://es.epa.gov/ncer/rfa/2007/2007_comp_tox.html)

(New) EPA IS SEEKING APPLICATIONS FOR RESEARCH ON THE ECOLOGICAL IMPACTS FROM INTERACTIONS OF CLIMATE CHANGE, LAND USE CHANGE, AND INVASIVE SPECIES. RESPONSES DUE 6/26/07. The purpose of this joint solicitation is to quantitatively investigate how climate change, climate variability, and land use change. Funding: EPA -- Approximately 5 grants or cooperative agreements are anticipated, with an estimated total funding level of approximately \$2.5 million. USDA -- Approximately 3 grants or cooperative agreements are anticipated, with an estimated total funding level of approximately \$1.4 million. Potential Funding per Award: Up to a total of \$600,000, including direct and indirect costs, with the duration not to exceed 2-4 years for EPA and USDA proposals. More info at  
[http://es.epa.gov/ncer/rfa/2007/2007\\_star\\_ecoimpacts.html](http://es.epa.gov/ncer/rfa/2007/2007_star_ecoimpacts.html)

(New) EPA SEEKS APPLICATIONS PROPOSING DEVELOPMENT AND EVALUATION OF INNOVATIVE APPROACHES TO QUANTITATIVELY DETECT PATHOGENS OR TOXIGENIC CYANOBACTERIA OR CERTAIN HIGH PRIORITY CYANOTOXINS IN DRINKING WATER. PROPOSALS DUE 7/10/07. The purpose of this request for applications is to improve the suite of available detection methods for known and emerging microbial drinking water contaminants including freshwater algae or its toxins. Any proposed method should be applicable to source water, treated water, and/or water in the distribution system. Approximately \$3.6 million will be awarded under this announcement for six grants, depending on the availability of funds and quality of applicants received. More info at  
[http://es.epa.gov/ncer/rfa/2007/2007\\_star\\_drinkingwater.html](http://es.epa.gov/ncer/rfa/2007/2007_star_drinkingwater.html)

#### DEPARTMENT OF AGRICULTURE

(New) USDA REQUESTS PROPOSALS FOR THE CONSERVATION INNOVATION GRANT PROGRAM IN NJ, UT AND CO. CIG seeks to stimulate the development and adoption of innovative conservation approaches and technologies in conjunction with agricultural production. Refer to the individual RFPs for state-specific priorities.

(1) New Jersey: \$250K expected to be available, up to 4 awards anticipated. RESPONSES DUE 4/13/07. For more info, contact Lenora Jordan at [lenora.jordan@nj.usda.gov](mailto:lenora.jordan@nj.usda.gov) or go to:  
<http://www.grants.gov/search/search.do?oppId=12755&mode=VIEW> Refer to Sol# USDA-NRCS-NJ-07-0001.

(2) Utah: \$450K expected to be available, up to 6 awards anticipated. For more info, contact Lisa Coverdale at [lisa.coverdale@ut.usda.gov](mailto:lisa.coverdale@ut.usda.gov) or go to:  
<http://www.ut.nrcs.usda.gov/programs/CIG/cig-component.html> Refer to Sol# UTAH-NRCS-UT-07-01.

(3) Colorado - \$800K expected to be available, up to 15 awards anticipated. RESPONSES DUE 4/13/07. For more info, contact Tim Carney at  
[tim.carney@co.usda.gov](mailto:tim.carney@co.usda.gov) or go to:

<http://www.grants.gov/search/search.do?oppId=12999&mode=VIEW> Refer to Sol# USDA-NRCS-CO-07-05.

USDA REQUESTS PROPOSALS FOR THE CONSERVATION INNOVATION GRANT PROGRAM IN IDAHO, MAINE, KANSAS AND CALIFORNIA. RESPONSE DATES VARY. CIG seeks to stimulate the development and adoption of innovative conservation approaches and technologies in conjunction with agricultural production. Refer to the individual RFPs for state-specific priorities:

-- California. Responses due 4/20/07. \$375K expected to be available, up to 5 awards anticipated. For more info, contact Ray Miller at (530) 792-5679 or go to: <http://www.grants.gov/search/search.do?oppId=12690&mode=VIEW> Refer to Sol# USDA-NRCS-CA-07-01.

-- Maine. RESPONSES DUE 4/27/07. \$100K expected to be available up to 4 awards anticipated. For more info, contact Patricia Pickett at (802) 951-6796 ext. 224 or go to: <http://www.grants.gov/search/search.do?oppId=12575&mode=VIEW> Refer to Sol# USDANRCSME0701.

-- IDAHO. RESPONSES DUE 5/1/07. \$450K expected to be available, up to 6 awards anticipated. For more info, contact Christine Catherman at [chris.catherman@id.usda.gov](mailto:chris.catherman@id.usda.gov) or go to: <http://www.grants.gov/search/search.do?oppId=12577&mode=VIEW> Refer to Sol# USDA-NRCS-ID-07-01.

USDA, COOPERATIVE STATE RESEARCH, EDUCATION, AND EXTENSION SERVICE REQUESTS APPLICATIONS FOR THE NATIONAL RESEARCH INITIATIVE (NRI) COMPETITIVE GRANTS PROGRAM. FINAL PROPOSAL DUE DATES RANGE (10/9/06 - 8/14/07) VARY BY PROGRAM AREA. The NRI supports scientific research relevant to agriculture, food, the environment, and communities. 41 areas of interest identified, including but not limited to: Biobased Products and Bioenergy Production Research; Water and Watersheds; Global Change Initiatives; Air Quality; Rural Development; Agricultural Prosperity for Small and Medium-Sized Farms. \$181 million expected to be available, award range \$5K to \$1.5 million. Contact information varies by program area. For more info, contact [electronic@csrees.usda.gov](mailto:electronic@csrees.usda.gov) or go to: [http://www.csrees.usda.gov/funding/rfas/nri\\_rfa.html](http://www.csrees.usda.gov/funding/rfas/nri_rfa.html) Refer to Sol# USDA-CSREES-NRI-000141.

USDA HAS ISSUED NUMEROUS REQUESTS FOR PROPOSALS FOR THE CONSERVATION INNOVATION GRANT PROGRAM (CIG). The purpose of CIG is to stimulate the development and adoption of innovative conservation approaches and technologies while leveraging Federal investment in environmental enhancement and protection, in conjunction with agricultural production. RFPs are open in geographic areas including but not limited to: Puerto Rico, the Virgin Islands, the Pacific Islands, ID, ME, NC, KS, NB, OH, SD, MT and UT. Funding amounts and due dates vary by RFP. For more info, go to <http://www.grants.gov> and type CIG into the search field.

USDA INVITES APPLICATIONS FOR THE NATIONAL RESEARCH INITIATIVE (NRI) COMPETITIVE GRANTS PROGRAM. APPLICATION DUE DATES VARY BY PROGRAM AREA. This program supports research, extension and education grants that address key problems of national, regional and multistate importance in sustaining all components of agriculture. Approximately \$180 million in FY 2006 funding is expected to be available for awards. For research projects, state agricultural experiment stations, colleges and universities and other research institutions, federal agencies, national laboratories, and private

organizations or corporations are eligible. More information is available at:  
[http://www.csrees.usda.gov/funding/rfas/nri\\_rfa.html](http://www.csrees.usda.gov/funding/rfas/nri_rfa.html)

USDA THROUGH THE SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION PROGRAM (SARE) REQUEST GRANT APPLICATIONS FOR RESEARCH PROJECTS THAT ADDRESS CROP AND LIVESTOCK PRODUCTION AND MARKETING, STEWARDSHIP OF SOIL AND OTHER NATURAL RESOURCES, ECONOMICS AND QUALITY OF LIFE. APPLICATION DETAILS, DEADLINES, AND PERCENT SUCCESS VARY BY REGION AND PROGRAM. More info is available at  
<http://www.sare.org/grants/index.htm>

#### DEPARTMENT OF COMMERCE

THE U.S. DEPARTMENT OF COMMERCE, NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY REQUESTS PROPOSALS FOR THE MEASUREMENT, SCIENCE AND ENGINEERING RESEARCH GRANTS PROGRAMS, WHICH INCLUDES BUT IS NOT LIMITED TO BUILDING RESEARCH GRANTS AND MANUFACTURING ENGINEERING LABORATORY GRANTS. RESPONSES DUE 9/30/07. For more info, contact Chris Hunton at [christopher.hunton@nist.gov](mailto:christopher.hunton@nist.gov) or go to:  
<http://www.grants.gov/search/search.do?mode=VIEW&oppId=12347> Refer to Sol# 2007-MSE-01

#### DEPARTMENT OF DEFENSE

(New) THE DOD SBIR 2007.2 SOLICITATION WAS PRE-RELEASED AT [HTTP://WWW.DODSBIR.NET/SOLICITATION](http://www.dodsbir.net/solicitation) ON 4/12/07. PROPOSALS DUE 6/13/07. DOD and two new participating components -- the Defense Logistics Agency (DLA) and Defense Microelectronics Activity (DMEA) -- invite small businesses to submit proposals under this solicitation. During the pre-release period, which ends on May 13, you may contact the topic authors directly (contact information is listed with the topic) to ask technical questions about specific solicitation topics. The DoD will begin accepting proposals on May 14, 2007 and will close to proposals on June 13, 2007 at 6am EST. More info at <http://www.dodsbir.net/solicitation>

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THE OFFICE OF NAVAL RESEARCH ANNOUNCES ITS INTEREST IN RECEIVING PROPOSALS FOR LONG-RANGE SCIENCE AND TECHNOLOGY PROJECTS THAT OFFER POTENTIAL FOR ADVANCEMENT AND IMPROVEMENT OF NAVY AND MARINE CORPS OPERATIONS. RESPONSES ACCEPTED THROUGH 9/30/07. ONR is interested in funding meritorious research across a wide spectrum of science and engineering disciplines. For more info,

go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=10957>. Refer to Sol# BAA07-001.

THE DEFENSE ADVANCED RESEARCH PROJECTS AGENCY'S (DARPA) STRATEGIC TECHNOLOGY OFFICE (STO) HAS ISSUED A BROAD AGENCY ANNOUNCEMENT FOR RESEARCH, DEVELOPMENT, DESIGN, AND TESTING THAT DIRECTLY SUPPORTS THE STO. RESPONSES ACCEPTED THROUGH 12/31/08. Areas of interest include but are not limited to power harvesting technologies and devices, and next generation power generation systems, including electrodynamics and momentum tethers, and advanced solar systems. For more info, contact Patty Matyskiela at [Patricia.Matyskiela@darpa.mil](mailto:Patricia.Matyskiela@darpa.mil) or go to: <http://www1.fbo.gov/spg/ODA/DARPA/CMO/BAA07%2D01/SynopsisP.html> Refer to Sol# BAA07-01.

DOD SOLICITS REVOLUTIONARY GUIDANCE AND ORDNANCE TECHNOLOGY -- RESEARCH AREA 12 - ENVIRONMENTAL POLLUTION PREVENTION. THIS BROAD AGENCY ANNOUNCEMENT WILL REMAIN OPEN UNTIL SUPERCEDED. One of the goals of the Munitions Directorate is to develop Green Munitions concepts. These concepts would result in weapons that would not cause pervasive adverse environmental effects and would use environmentally friendly manufacturing materials and techniques. Eligibility is unrestricted. For more information and eligibility go to <http://www.grants.gov/search/search.do?mode=VIEW&oppId=8002>

THE U.S. AIR FORCE, AIR FORCE RESEARCH LABORATORY MUNITIONS DIRECTORATE HAS ISSUED A BROAD AGENCY ANNOUNCEMENT (BAA) FOR ADVANCED TACTICAL VEHICLES FOR BATTLEFIELD AIRMAN AND SECURITY FORCES. Areas of interest include but are not limited to the design, development, and testing of vehicle power and propulsion systems, advanced energy storage capabilities, and the development and analysis of new methods for remote energy production. Up to 25 awards anticipated. Eligibility is unrestricted. Responses accepted until the BAA is superseded. For more info, contact Mimi Martin at [mimi.martin@eglin.af.mil](mailto:mimi.martin@eglin.af.mil) or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=8006> Refer to Sol# MNK-BAA-06-0005.

#### DEPARTMENT OF ENERGY

DOE REQUESTS PROPOSALS FOR HYDROGEN AND FUEL CELL ANALYSIS: ENVIRONMENTAL IMPACTS OF HYDROGEN SYSTEMS. RESPONSES DUE 4/18/07. The purpose of this project is to identify and examine possible near and long-term ecological and environmental effects of the production of hydrogen from various energy sources and the use of that hydrogen as a transportation fuel and for stationary power. \$600K expected to be available, 1 award anticipated. Eligibility is unrestricted. For more info, contact Carolanne Mayne at [carolanne.mayne@go.doe.gov](mailto:carolanne.mayne@go.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/BFCDF0FA9748AE278525727A007578A7?OpenDocument> Refer to Sol# DE-PS36-07GO97011.

DOE REQUESTS PROPOSALS FOR HYDROGEN AND FUEL CELL ANALYSIS: LESSONS LEARNED FROM STATIONARY POWER GENERATION. RESPONSES DUE 4/18/07. The objective of this project is to identify obstacles, accomplishments and lessons learned from prior stationary power programs and how this information can be used in the DOE Hydrogen Program. \$500K expected to be available, 1 award anticipated. For more info, contact Genevieve Wozniak at [genevieve.wozniak@go.doe.gov](mailto:genevieve.wozniak@go.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/BFCDF0FA9748AE278525727A007578A7?OpenDocument>

[center.doe.gov/iips/faopor.nsf/UNID/80D166B7CC867BAC8525727A0059317F?OpenDocument](https://center.doe.gov/iips/faopor.nsf/UNID/80D166B7CC867BAC8525727A0059317F?OpenDocument) Refer to Sol# DE-PS36-07GO97010.

DOE REQUESTS PROPOSALS FOR ETHICAL, LEGAL, AND SOCIETAL IMPLICATIONS OF RESEARCH ON ALTERNATIVE BIOENERGY TECHNOLOGIES, SYNTHETIC GENOMICS, OR NANOTECHNOLOGIES. PRE-APPLICATIONS ARE REQUIRED AND WERE DUE 2/8/07, FINAL PROPOSALS DUE 4/19/07. Areas of interest include, but are not limited to: Impacts from changing land use patterns, the use of dual-use crops (food vs. energy), and implications resulting from the exploration and exploitation of microbes and microbial capabilities which would result from a large biomass to biofuels effort. \$1 million expected to be available, up to 9 awards anticipated. Eligibility is unrestricted. For more info, contact Deborah Greenawalt at [Deb.Greenawalt@science.doe.gov](mailto:Deb.Greenawalt@science.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/EF92FB6885706B4B8525724A0050672C?OpenDocument> Refer to Sol# DE-PS02-07ER07-16.

(New) DOE, CLIMATE CHANGE RESEARCH DIVISION REQUESTS PROPOSALS FOR THE ATMOSPHERIC SCIENCE PROGRAM, FOR RESEARCH IN EXPERIMENTAL AND THEORETICAL STUDIES OF AEROSOL RADIATIVE FORCING OF CLIMATE. PRE-APPLICATIONS ARE REQUIRED AND ARE DUE 5/1/07, FINAL PROPOSALS DUE 6/18/07. \$4 million expected to be available, up to 20 awards anticipated. For more info, contact Melanie Becker at [melanie.becker@science.doe.gov](mailto:melanie.becker@science.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/8AAD315C4D281558852572A4005198BA?OpenDocument>. Refer to Sol# DE-PS02-07ER07-26.

(New) DOE AND USABC SEEK PROPOSALS FOR DEVELOPMENT OF ADVANCED HIGH-PERFORMANCE BATTERIES FOR PLUG-IN APPLICATIONS. PROPOSALS DUE 5/31/07. This research aims to find solutions to improving battery performance so vehicles can deliver up to 40 miles of electric range without recharging. This is a cost-shared solicitation by the United States Advanced Battery Consortium (USABC). Anticipated funding is \$28 million. More info at [http://www.uscar.org/guest/article\\_view.php?articles\\_id=87](http://www.uscar.org/guest/article_view.php?articles_id=87)

(New) DOE SEEKS APPLICATIONS FOR THE SOLAR ENERGY TECHNOLOGIES PROGRAM. APPLICATIONS DUE 6/26/2007. The device and manufacturing process research that is targeted by this Opportunity would be expected to produce prototype cells and/or processes by 2015, with full commercialization coming to fruition in the 2020-2030 time-frame. The estimated funding amount is \$12 million for 15 award. Eligibility is unrestricted. More info at <https://e-center.doe.gov/iips/faopor.nsf/UNID/650B3F0FE02FCAD9852572B4006787CD?OpenDocument>

DOE, OFFICE OF SCIENCE, ANNOUNCES ITS CONTINUING INTEREST IN RECEIVING APPLICATIONS FOR SUPPORT OF WORK IN AREAS INCLUDING BUT NOT LIMITED TO BASIC ENERGY SCIENCES, HIGH ENERGY PHYSICS, AND BIOLOGICAL AND ENVIRONMENTAL RESEARCH AND ENERGY RESEARCH ANALYSES. RESPONSES ACCEPTED ON AN ONGOING BASIS, FINAL DUE DATE UNDER THIS NOTICE IS 10/1/07. Sub areas of interest include, but are not limited to, Climate Change Research, Materials Sciences and Engineering, Chemical Sciences and Energy Biosciences. Up to \$400 million expected to be available. Eligibility is unrestricted. For more info, contact Lori Jernigan at [Lori.Jernigan@science.doe.gov](mailto:Lori.Jernigan@science.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/7B7C4F49DCB4F01D852571FE006E53BE?OpenDocument> Refer to Sol# DE-PS02-07ER07-01.

DOE INVITES APPLICATIONS FOR FEDERAL LOAN GUARANTEES FOR PROJECTS THAT EMPLOY INNOVATIVE TECHNOLOGIES IN SUPPORT OF THE ADVANCED ENERGY INITIATIVE AND TITLE XVII OF THE ENERGY POLICY ACT OF 2005. PRE-APPLICATIONS ARE REQUIRED AND WERE DUE 11/6/06, FINAL APPLICATION DUE DATE TBD. The intent of this RFP is to facilitate the use of new or significantly improved innovative technologies in early commercial projects in order to meet principal energy challenges of enhancing energy security, repairing and modernizing our energy infrastructure, promoting energy conservation, and increasing our energy supplies in ways that protect and improve the environment. Project categories of interest include but are not limited to: Biomass, Hydrogen, Solar, Wind, Hydropower, Carbon Sequestration Practices and Technologies, Electricity Delivery and Energy Reliability, Alternative Fuel Vehicles, Industrial Energy Efficiency Projects, and Pollution Control Equipment. Up to \$2 billion in loan guarantees expected to be available. For more info, contact Kathryn Chantry at [lgprogram@hq.doe.gov](mailto:lgprogram@hq.doe.gov) or go to: <https://e-center.doe.gov/iips/faopor.nsf/UNID/D230E80D10F4AAD4852571C5004A1749?Open> Refer to Sol# DE-PS01-06LG00001.

DOE National Energy Technology Laboratory (NETL) uses the Industry Interactive Procurement System (IIPS) to post solicitations and amendments, receive proposals/applications, and disseminate award information. Entities wishing to participate in NETL solicitations will need to register at the IIPS website: <http://e-center.doe.gov>

#### FEDERAL AVIATION ADMINISTRATION

FAA ACCEPTS UNSOLICITED RESEARCH PROPOSALS THAT ADDRESS LONG-TERM GROWTH AND SHORT-TERM TECHNICAL NEEDS OF CIVIL AVIATION. PROPOSALS ACCEPTED THROUGH 1/1/2012. 10 areas of interest are identified which include, but are not limited to: 1) Environment and Energy Improvements that address environmental and regulatory issues such as noise abatement, aircraft pollution, and improved certification of clean, quiet, fuel efficient aircraft, and 2) Airports Improvements in design, construction, operation, and maintenance of airports. For more info, contact Barbara Fuller at [barbara.fuller@faa.gov](mailto:barbara.fuller@faa.gov) or go to: <http://www.tc.faa.gov/logistics/grants/doc/FAA-06-01.doc> FAA is currently updating their Research Grant RFP interested applicants are asked to refer to Sol#97.2 until Sol# FAA-06-01 is posted.

#### HOUSING AND URBAN DEVELOPMENT

(New) HUD REQUESTS PROPOSALS FOR HEALTHY HOMES AND LEAD TECHNICAL STUDIES. Two separate programs are included under this announcement. Refer to Funding Opportunity # FR-5100-N-25. (1) Lead Technical Studies supports research on the development of improved methods for evaluating and reducing lead-based paint hazards in housing. \$3.6 million expected to be available, 4 - 10 awards anticipated. RESPONSES DUE 5/18/07.

(2) Healthy Homes Technical Studies supports the development of improved methods for evaluating and reducing other hazards in housing including mold, environmental aspects of asthma, carbon monoxide, and unintentional injuries. RESPONSES DUE 5/18/07. \$2 million expected to be available, 2 - 6 awards anticipated. For more info, go to: <http://www.hud.gov/offices/adm/grants/nofa07/grplead.cfm>

(New) HUD REQUESTS PROPOSALS FOR THE HEALTHY HOMES LEAD HAZARD CONTROL PROGRAM. Three separate programs are included under this announcement. Refer to Funding Opportunity # FR-5100-N-20.

-- The Lead-Based Paint Hazard Control Program assist states, Native American Tribes, and local governments in undertaking comprehensive programs to identify and control lead-based paint hazards in eligible privately owned housing for rental or owner-occupants. \$76.4 million expected to be available, 26 - 40 awards anticipated. RESPONSES DUE 5/18/07.

-- Operation Lead Elimination Action Program assists private sector and nonprofit organizations to leverage funds for addressing lead hazards in privately owned housing units and eliminating lead poisoning as a major public health threat to young children. \$17.3 million expected to be available, 9 12 awards anticipated. RESPONSES DUE 5/18/07. For more info, go to: <http://www.hud.gov/offices/adm/grants/nofa07/grplead.cfm>

-- The Lead-Based Paint Hazard Reduction Demonstration Grant Program assist states, Native American Tribes, and local governments in undertaking comprehensive programs to identify and control lead-based paint hazards for urban jurisdictions with the highest lead-based paint hazard control needs. \$54.7 million expected to be available, 14 22 awards anticipated. RESPONSES DUE 5/30/07.

(New) HUD REQUESTS PROPOSALS FOR THE HEALTHY HOMES DEMONSTRATION PROGRAM. RESPONSES DUE 5/18/07. This program supports the development, demonstration and promotion of cost-effective, preventive measures to correct multiple safety and health hazards in the home environment that produce serious diseases and injuries in children in low- and very low-income families. \$5 million expected to be available, 5-7 awards anticipated. For more info, contact Emily Williams at [Emily E. Williams@hud.gov](mailto:Emily.E.Williams@hud.gov) or go to: <http://www.hud.gov/offices/adm/grants/nofa07/grplead.cfm> Refer to Sol# FR-5100-N-19.

HUD REQUESTS PROPOSALS FOR THE RURAL HOUSING ECONOMIC DEVELOPMENT (RHED) PROGRAM. RESPONSES DUE 5/23/07. RHED supports innovative housing and economic development activities in rural areas. Allowable project areas include, but are not limited to: The cost of using new or innovative construction, energy efficiency, or other techniques that will result in the design or construction of innovative housing and economic development projects, preparation of architectural or engineering drawings, and acquisition of land and buildings. \$16.8 million expected to be available, individual awards NTE \$300K. For more info, call HUD toll free at (877) 787 2526 or go to: <http://www.hud.gov/offices/adm/grants/nofa07/grprhed.cfm> Refer to Sol# FR-5100-N-02.

#### DEPARTMENT OF INTERIOR

(New) THE U.S. DEPARTMENT OF INTERIOR, BUREAU OF RECLAMATION, WYOMING AREA OFFICE REQUESTS PROPOSALS FOR THE WATER CONSERVATION FIELD SERVICES PROGRAM. RESPONSES DUE 4/16/07. The purpose is to demonstrate new and innovative approaches to improving irrigation efficiency through implementation of water conservation measures. \$160K expected to be available, up to 8 awards anticipated. For more info, contact Kimball Banks at [kbanks@gp.usbr.gov](mailto:kbanks@gp.usbr.gov) or go



to: <http://www.grants.gov/search/search.do?oppId=12803&mode=VIEW> Refer to Sol# 07SF600013.

(New) THE U.S. DEPARTMENT OF INTERIOR, BUREAU OF RECLAMATION, MONTANA AREA OFFICE REQUESTS PROPOSALS FOR THE WATER CONSERVATION FIELD SERVICES PROGRAM. RESPONSES DUE 4/20/07. The purpose is to help improve water resource management and the efficiency of water use at one or more of the Reclamation Projects in the Montana Area Office (<http://www.usbr.gov/gp/mtao/>). \$50K expected to be available, up to 8 awards anticipated. For more info, contact Kimball Banks at [kbanks@gp.usbr.gov](mailto:kbanks@gp.usbr.gov) or go to: <http://www.grants.gov/search/search.do?oppId=13055&mode=VIEW> Refer to Sol# 07SF600015.

#### NATIONAL SCIENCE FOUNDATION

(New) NSF REQUESTS PROPOSALS FOR ANTARCTIC RESEARCH FOR WORK THAT EXPANDS FUNDAMENTAL KNOWLEDGE OF THE REGION AND FOSTERS RESEARCH ON GLOBAL AND REGIONAL PROBLEMS OF CURRENT SCIENTIFIC IMPORTANCE. RESPONSES DUE 6/7/07. Areas of interest include but are not limited to: 1) The identification and quantification of the feedback between ice dynamics and climate change, and 2) In recognition that the Antarctic serves both as an indicator and potential driver of climate change, NSF seeks advances in the understanding of the oceanic and tropospheric environments at high southern latitudes and their links to each other and global scale processes. \$10 million expected to be available, up to 35 awards anticipated. For more info, go to: <http://www.nsf.gov/publications/pub summ.jsp?ods key=nsf07549>. Refer to Sol# 07-549.

(New) NSF REQUESTS PROPOSALS FOR THE SMALL BUSINESS INNOVATION RESEARCH (SBIR) AND SMALL BUSINESS TECHNOLOGY TRANSFER (STTR) PROGRAMS. RESPONSES DUE 6/13/07. The SBIR/STTR Programs stimulate technological innovation in the private sector by strengthening the role of small business concerns in meeting Federal R&D needs, increasing the commercial application of federally supported research results, and fostering and encouraging participation by socially and economically disadvantaged and women-owned small businesses. Areas of interest include: Emerging Opportunities, Advanced Materials, Chemical Technology, and Manufacturing Innovation, Biotechnology, Electronics and Information Technology. \$16.25 million expected to be available, up to 150 awards anticipated. For more info, go to: <http://www.nsf.gov/publications/pub summ.jsp?ods key=nsf07551>. Refer to Sol# 07-551.

(New) NSF REQUESTS PROPOSALS FOR THE ENERGY FOR SUSTAINABILITY PROGRAM. PROPOSALS DUE 9/15/07. This program supports fundamental research and education in energy production, conversion, and storage which is focused on energy sources that are environmentally friendly and renewable. This program seeks to reduce world dependence on fossil fuels, reduce greenhouse gases, and promote sustainable energy. Eligibility is unrestricted. For more info, contact Cindy Lee at [cmlee@nsf.gov](mailto:cmlee@nsf.gov) or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11349> Refer to Sol# PD-07-7644.

(New) NSF REQUESTS PROPOSALS FOR THE ENVIRONMENTAL SUSTAINABILITY GRANT PROGRAM. RESPONSES 9/15/07. This program supports engineering research with the goal of promoting sustainable engineered systems that support human well-

being and that are compatible with sustaining natural systems, which provide ecological services vital for human survival. Eligibility is unrestricted. For more info, contact Cindy Lee at [cmlee@nsf.gov](mailto:cmlee@nsf.gov) or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11350> Refer to Sol# PD-07-7643.

NSF REQUESTS PROPOSALS FOR THE CLIMATE AND LARGE-SCALE DYNAMICS PROGRAM. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Research topics include, but are not limited to, processes that govern climate, the causes of climate variability and change, the development and use of climate models to diagnose and simulate climate, its variations, and changes. For more info, contact Jay Fein at [jfein@nsf.gov](mailto:jfein@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=11699](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11699). Refer to Sol# PD-06-5740.

NSF REQUESTS PROPOSALS FOR ATMOSPHERIC CHEMISTRY RESEARCH. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Areas of interest include, but are not limited to, measurement and modeling of the concentration and distribution of gases and aerosols in the lower and middle atmosphere. Eligibility is unrestricted. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=10764> Refer to Sol# PD-98-1524.

NSF REQUESTS PROPOSALS FOR PALEOCLIMATE RESEARCH. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Projects should focus on the natural evolution of Earth's climate with the goal of providing a baseline for present variability and future trends through improved understanding of the physical, chemical, and biological processes that influence climate over the long-term. For more info, contact David Verardo at [dverardo@nsf.gov](mailto:dverardo@nsf.gov) or go to: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=12727](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12727) Refer to Sol# PD-98-1530

NSF REQUESTS PROPOSALS FOR QUANTITATIVE ENVIRONMENTAL AND INTEGRATIVE BIOLOGY. PROPOSALS ACCEPTED ON AN ONGOING BASIS. Areas of interest include but are not limited to, sustainability, environmental catalysis, and basic research related to green chemistry or the utilization of biorenewable resources. For more info, go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=10773> Refer to Sol# PD-05-1401.

#### DEPARTMENT OF TRANSPORTATION

DOT REQUESTS PROPOSALS FOR THE NATIONAL STRATEGY TO REDUCE CONGESTION ON AMERICA'S TRANSPORTATION NETWORK (THE CONGESTION INITIATIVE). RESPONSES DUE 4/30/07. DOT seeks operational testing and evaluation of innovative uses of technology to address congestion on a specific facility or facilities, such as a corridor, an urban area or region. Areas of interest include but are not limited to: Demand management pricing strategies, advanced traffic signal control, incident detection and management strategies, integrated corridor management, parking management tied to transit service, high occupancy/toll lanes, and signal priority systems for buses. Eligibility is restricted to public sector agencies, such as a state DOT, a transit agency, a metropolitan planning organization, or other such public sector agencies. \$100 million expected to be available, up to 5 awards anticipated. For more info, contact Sarah Tarpgaard at [sarah.tarpgaard@fhwa.dot.gov](mailto:sarah.tarpgaard@fhwa.dot.gov) or go

to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=11970> Refer to Sol# DTFH61-07-RA-00111.

DOT, FEDERAL HIGHWAY ADMINISTRATION REQUESTS PROPOSALS FOR TRANSPORTATION PLANNING COOPERATIVE RESEARCH. PRE-PROPOSALS ARE REQUIRED AND ARE DUE 4/30/07, FINAL PROPOSALS DUE ON OR ABOUT 6/25/07. This is for projects that could lead to transformational changes and revolutionary advances for transportation planning in the U.S. Areas of interest include, but are not limited to: Congestion Management, Public Involvement, Environmental Justice and Tribal Planning Capacity. \$650K expected to be available, individual award range \$50K to \$100K. For more info, contact David Kuehn at [david.kuehn@dot.gov](mailto:david.kuehn@dot.gov) or go to: <http://www2.fbo.gov/spg/DOT/FHWA/OAM/Reference%2DNumber%2DFHWA%2DBAA%2DHEPP%2D02%2D2007/listing.html> Refer to Sol# HWA-BAA-HEPP-02-2007.

#### STATE AND OTHER ORGANIZATIONS

THE EARTHWATCH INSTITUTE REQUESTS PROPOSALS FROM ELEMENTARY, MIDDLE, AND HIGH SCHOOL EDUCATORS AND ADMINISTRATORS FOR EDUCATOR FELLOWSHIPS. DUE DATES VARY BY LOCATION. Earthwatch seeks adventurous, innovative science educators who have an interest in conservation, sustainability, and life-long learning. Participants work alongside leading field scientists on some of the most important environmental issues facing the planet today, like climate change and biodiversity. For more info, go to: <http://www.earthwatch.org/site/pp.asp?c=dsJSK6PFJnH&b=393763>

NORTHEAST UTILITIES REQUESTS PROPOSALS FOR THE ENVIRONMENTAL COMMUNITY GRANT PROGRAM. RESPONSES DUE 4/15/07. This program funds local community and grassroots environmental projects in CT, MA, and NH. Areas of interest include, but are not limited to, starting and maintaining a recycling program, improving the environment through organized cleanup projects, or reclaiming and rehabilitating damaged environments. Individual grants NTE \$1K. For more info, go to: <http://www.nu.com/environmental/grant.asp>

ANHEUSER-BUSCH AND THE NATIONAL FISH AND WILDLIFE FOUNDATION REQUESTS APPLICATIONS FOR THE 2007 BUDWEISER CONSERVATION SCHOLARSHIP PROGRAM. RESPONSES DUE 4/16/07. This funding supports graduate and undergraduate students who are poised to make a significant contribution to the field of conservation. Areas of interest include but are not limited to innovative research or study addressing conservation of natural resources through waste minimization, recycling, and litter prevention. Ten scholarships for up to \$10K each anticipated. For more info, go to: [http://www.nfwf.org/AM/Template.cfm?Section=Browse All Programs&CONTENTID=4100&TEMPLATE=/CM/ContentDisplay.cfm](http://www.nfwf.org/AM/Template.cfm?Section=Browse%20All%20Programs&CONTENTID=4100&TEMPLATE=/CM/ContentDisplay.cfm)

THE NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) SOLICITS PROPOSALS FOR ADVANCED CLEAN-UP AND EMISSION CONTROL TECHNOLOGIES FOR BIOGAS-FUELED DISTRIBUTED GENERATION SYSTEMS AND OTHER BENEFICIAL USES. PROPOSALS DUE 4/16/07. Landfill gas (LFG) and anaerobic digester gas (ADG) are considered biogases for the purpose of this solicitation. Total funding is \$1 million. More information at <http://www.nyserda.org/Funding/funding.asp?i=2> See PON 1099.

THE NATURAL RESOURCES CONSERVATION SERVICE SOLICITS PROPOSALS FOR THE CONSERVATION INNOVATIVE GRANT. PROPOSALS DUE 4/20/07. Proposals should be for

environmental projects addressing technology, agricultural conservation, energy, carbon sequestration, or wildlife habitat. \$375,000 will be awarded through the Conservation Innovative Grant program in California. Eligible projects must involve at least one agricultural producer who is eligible for the Environmental Quality Incentives Program. More information at <http://www.ca.nrcs.usda.gov/programs/cig/>

THE NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) SOLICITS PROPOSALS FOR PROJECTS THAT MAXIMIZE THE ENVIRONMENTAL, ENERGY, AND ECONOMIC BENEFITS OF ACCELERATING THE INTRODUCTION OF ALTERNATIVE-FUEL VEHICLES (AFVS) AND ELECTRIC VEHICLES (EVS) AND THE CORRESPONDING INFRASTRUCTURE INTO PRIVATE FLEETS IN NEW YORK CITY. PROPOSALS DUE 4/24/07. Priority will be given to projects that: result in the greatest emissions reduction per program dollar, offset the greatest amount of petroleum fuel per Program dollar, leverage private and public cost-sharing for infrastructure development and vehicle acquisition, represent a planned approach to introduce AFVs and/or EVs into the proposer's fleet, and offer unique and innovative partnerships and approaches to meet critical needs and priorities. Up to \$2.5 million is available. More info at <http://www.nyserda.org/Funding/funding.asp?i=2> See PON 960.

THE INTERNATIONAL PAPER AND THE CONSERVATION FUND REQUESTS NOMINATIONS FOR THE CONSERVATION PARTNERSHIP AWARD AND THE ENVIRONMENTAL EDUCATION AWARD. RESPONSES DUE 4/30/07. The Conservation Partnership Award recognizes an individual who has achieved significant results in the protection of habitat through a cooperative relationship with a business or company. The Environmental Education Award honors an educator who has developed an innovative approach to environmental education that significantly improves student comprehension of environmental issues, fosters an understanding of the link between environmental protection and economic growth, demonstrates leadership, and inspires achievement. An unrestricted \$10K grant is provided to each of the two winners. For more info, go to: <http://www.conservationfund.org/?article=2331>

(New) THE FUND FOR MAINE LAND CONSERVATION SOLICITS APPLICATIONS. APPLICATIONS DUE 5/15/07. The Fund for Maine Land Conservation is a permanent endowment fund that provides grants to further the work and projects of land trusts around the state. Grant Size: up to \$7,500. Eligibility is limited to conservation land trusts and other non-profit entities based in the State of Maine whose mission is watershed protection and/or land conservation. More info at <http://fconline.foundationcenter.org/pnd/10006442/mainecf>

THE HOME DEPOT FOUNDATION REQUESTS NOMINATIONS FOR AWARDS OF EXCELLENCE FOR AFFORDABLE HOUSING BUILT RESPONSIBLY. LETTERS OF INTENT ARE REQUIRED AND WERE DUE 3/31/07, FINAL PROPOSALS DUE 5/15/07. This program seeks to identify, recognize, and showcase the outstanding and innovative work of nonprofit housing development corporations engaged in green building/healthy home construction and rehabilitation. Up to 14 awards anticipated, ranging from \$75K to \$2.5K. For more info, go to: [http://www.homedepotfoundation.org/awards\\_housing\\_apply.html](http://www.homedepotfoundation.org/awards_housing_apply.html)

NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) SEEKS PROPOSALS TO SUPPORT ENVIRONMENTALLY PREFERRED POWER SYSTEMS TECHNOLOGIES, ENERGY STORAGE DEMONSTRATIONS, AND ENVIRONMENTAL IMPACT ASSESSMENTS / MITIGATION TECHNIQUES. ROUND 1 PROPOSALS DUE 4/27/07, ROUND 2 PROPOSALS DUE

10/17/07. Total available funding is \$7.25 million. More info at <http://www.nyserda.org/Funding/funding.asp?i=2> See PON 1118.

(New) THE NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) REQUESTS PROPOSALS FOR THE NEXT GENERATION EMERGING TECHNOLOGIES FOR RESIDENTIAL BUILDINGS. RESPONSES DUE 5/31/07 AND 9/20/07. Through this initiative, NYSERDA seeks feasibility research, product development and demonstration projects for residential buildings. The technologies should promote improvement to the production, distribution and durability of the energy systems in the building. \$1.5 million expected to be available, award range depends on project category. All, or none, of the available funds could be awarded in either round. For more info, contact Greg Pedrick at [gap@nyserda.org](mailto:gap@nyserda.org) or go to: <http://www.nyserda.org/Funding/funding.asp?i=2>. Refer to PON# 1126.

(New) THE INDIGENOUS ENVIRONMENTAL NETWORK AND THE WESTERN MINING ACTION NETWORK REQUEST PROPOSALS FOR THE INDIGENOUS COMMUNITIES MINI-GRANT PROGRAM. RESPONSES 6/1/07. This program supports capacity building efforts of mining-impacted indigenous communities to assure that mining projects do not adversely affect human, cultural, and the ecological health within their traditional territories. Individual grants NTE \$2.5K. For more info, go to: <http://fconline.foundationcenter.org/pnd/10004782/nativephilanthropy>

THE NEW YORK STATE ENERGY RESEARCH AND DEVELOPMENT AUTHORITY (NYSERDA) SEEKS PROPOSALS TO SUPPORT THE DEVELOPMENT AND DEMONSTRATION OF EMERGING AND INNOVATIVE TECHNOLOGIES MOVING TOWARDS COMMERCIALIZATION. ROUND 2 PROPOSALS DUE 6/7/07. Preferred technologies are those that can increase end-use energy efficiency, reduce electric demand in New York State, or are of strategic importance to the State's energy and environmental future. Two rounds are scheduled under this PON and total available NYSERDA funding is \$4 million. All, or none, of the available funds could be awarded in either round. More info at [http://www.nyserda.org/includes/funding\\_content\\_pop.asp?i=PON%201105](http://www.nyserda.org/includes/funding_content_pop.asp?i=PON%201105)

SOUTHERN CALIFORNIA EDISON ANNOUNCES ITS INTENT TO REQUEST PROPOSALS FOR THE 2008 INNOVATIVE DESIGNS FOR ENERGY EFFICIENCY (INDEE) PROGRAM. INTERESTED PARTIES MUST REGISTER BY 4/18/07. ABSTRACTS ARE REQUIRED AND ARE DUE 5/15/07, FINAL PROPOSALS DUE 8/2/07. InDEE is a solicitation for any non-utility firm or organization to implement energy efficiency programs of their own design in SCE's service territory. InDEE promotes innovation, market introduction, promotion, and other assistance to the commercialization process of promising new technologies and concepts that, at a minimum, have entered the early or limited production stage of their product life cycle. The programs may be targeted to residential or business customers, or both. \$1.5 million expected to be available, award range \$300K to \$500K. For more info, go to: <http://www.sce.com/DoingBusiness/EEContractingOpportunities/>

WORLD COMMUNITY GRID IS SOLICITING PROPOSALS TO ACCELERATE HUMANITARIAN RESEARCH VIA THE INTERNET. The goal is to support innovative efforts that will benefit most from this technology and deliver significant results on a variety of issues facing the global community. Areas of interest include new and existing infectious disease research, genomic and disease research, natural disasters and hunger, and environmental research. Five or six research projects conducted for public and nonprofit purposes will be awarded. More information is available at: [http://www.worldcommunitygrid.org/projects\\_showcase/viewSubmitAProposal.do](http://www.worldcommunitygrid.org/projects_showcase/viewSubmitAProposal.do)

## NEWS and ACTIVITIES

**STORMWATER CLEARING HOUSE:** The University of Massachusetts has developed a searchable database containing validated performance data and technical information on innovative stormwater treatment technologies. The database can be accessed at an interactive website, <http://www.mastep.net>. The clearinghouse is still being populated with information - any comments that you may have are welcome and should be sent to Jerry Schoen at 413-545-5532 or [jschoen@tei.umass.edu](mailto:jschoen@tei.umass.edu)

The ARSENIC VIRTUAL TRADE SHOW is a learning portal designed to help water systems comply with EPA's Arsenic Rule. Vendor Sign-up: <http://cfpub.epa.gov/safewater/arsenic/arsenictradeshow/>

## ETV VERIFICATIONS

ETV has completed verification testing and reports for 381 innovative environmental technologies! For a full list of ETV verifications, visit <http://www.epa.gov/etv/verifications/verification-index.html>

## ETV AIR POLLUTION CONTROL TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS

The APCT Center, operated by RTI International, invites vendors to participate in verification tests of the following technologies:

**Diesel Engine Retrofit Emissions Control Technologies:** Retrofit technologies that control emissions of particulate matter, nitrogen oxides, hydrocarbons, or carbon monoxide from heavy duty diesel engines. Technologies include add-on devices such as exhaust catalysts and particulate matter filters, engine modifications, selective catalytic reduction systems, fuel modifications and reformulations, alternative fuels, and lubricants used on mobile diesel engines and some categories of stationary engines. Verification of these technologies, when used to reduce nitrogen oxide (NOx) emissions, is of interest to Texas' New Technology Research and Development (NTRD) Program, as well as others. Interested vendors should contact Drew Trenholm, RTI, at (919) 316-3742 or [atrenholm@rti.org](mailto:atrenholm@rti.org). For more information on the NTRD Program, please contact Rudy Smaling, Houston Advanced Research Center, at (281) 364-4036 or [rsmaling@harc.edu](mailto:rsmaling@harc.edu)

**Fabric Filter Media:** Filter media used in baghouses to control fine particulate matter. For more information, please contact Drew Trenholm, RTI, at (919) 316-3742 or [atrenholm@rti.org](mailto:atrenholm@rti.org)

**Ventilation Air Cleaning or Filtration Technologies:** Products for cleaning or filtering ventilation air. Verifications can include ASHRAE 52.2-type efficiency testing for particles from 0.3 to 10 microns, efficiency testing for particles from 0.03 to 10 microns, and efficiency testing for bioaerosols (fungi, bacteria, and virus). For more information, please contact Debbie Franke, RTI, at (919) 541-6826 or [dlf@rti.org](mailto:dlf@rti.org)

## ETV ADVANCED MONITORING SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS

The AMS Center, operated by Battelle, is soliciting vendors and collaborators for the following technologies:

Monitoring Technologies: Technologies for monitoring contaminants in air, water, and soil. For more information, please contact Ann Louise Sumner, Battelle, at (614) 424-3973 or [sumnera@battelle.org](mailto:sumnera@battelle.org)

Soil Rapid Toxicity Technologies: For more information, please contact Mary Schrock, Battelle, at (614) 424-4976 or [schrock@battelle.org](mailto:schrock@battelle.org)

Estrogen ELISA Kits: ELISA test kits for monitoring endocrine disrupting compounds, specifically estrogenic hormones and alkylphenols, in water. For more information, please contact Stephanie Buehler, Battelle, at (614) 424-3972 or [buehlers@battelle.org](mailto:buehlers@battelle.org)

Lead Test Kits: Test kits for monitoring lead in drinking water. For more information, please contact Stephanie Buehler, Battelle, at (614) 424-3972 or [buehlers@battelle.org](mailto:buehlers@battelle.org)

#### ETV DRINKING WATER SYSTEMS CENTER SOLICITS TECHNOLOGY VENDORS

The DWS Center, operated by NSF International, invites vendors and partners to participate in verification testing of emerging innovative and alternative technologies used in drinking water treatment. DWS can help vendors needing product-specific testing for models of membrane filters (microfiltration, ultrafiltration, nanofiltration or reverse osmosis) to meet the requirements of EPA's Long Term 2 Enhanced Surface Water Treatment Rule (LT2).

Surveys of state drinking water regulators have found that ETV helps vendors with new, alternative, and innovative technologies to attain greater acceptance of their technologies.

For more information, please contact Bruce Bartley, NSF, at (734) 769-5148 or [bartley@nsf.org](mailto:bartley@nsf.org)

#### ETV GREENHOUSE GAS TECHNOLOGY CENTER SOLICITS TECHNOLOGY VENDORS

The GHG Center, operated by Southern Research Institute, is soliciting collaborators and vendors of the following technologies for independent performance verification testing:

Greenhouse Gas Emission Reductions for the Semiconductor Processing Industry: Technologies associated with semiconductor processing that reduce emissions of greenhouse gases (i.e., emission abatement equipment, alternate solvents, process improvements). For more information, please contact Jeff Barghout, Southern Research, at (919) 806-3456 or [barghout@sri.org](mailto:barghout@sri.org)

Distributed Electrical Generation and Combined Heating/Cooling and Power Technologies: Technologies associated with distributed electrical generation (i.e., fuel cells, Stirling engines, reciprocating engines), including combined heating/cooling and power applications (e.g., waste heat recovery for space heating, water heating, chillers/refrigeration, dehumidification, etc.) utilizing various fuels (natural gas, hydrogen, biofuels, etc.). For more information, please contact Bill Chatterton, Southern Research, at (919) 806-3456 or [chatterton@sri.org](mailto:chatterton@sri.org)

On-Board Idle Reduction Technologies: On-board idle reduction technologies for in-use testing and data collection using standard testing protocols for idle reduction technology performance, including: emission reductions, fuel economy improvements, ability to perform cab heating and cooling and meet auxiliary loads, etc. Long term testing may also be included to evaluate durability, maintenance requirements, seasonal impacts, etc. Example technologies include: auxiliary power units/gensets (diesel, fuel cell, others), fuel-/battery-operated heaters, cab cooling systems, and others. For more information, please contact Tim Hansen, Southern Research, at (919) 806-3456 or [hansen@sri.org](mailto:hansen@sri.org)

Fuel Efficient Technologies for Heavy and Light Duty Vehicles: These technologies include hybrids, engine and driveline lubricants, novel transmissions (CVTs and others), idle reduction, and other technologies that reduce fuel consumption. For more information, please contact Jeff Barghout, Southern Research, at (919) 806-3456 or [barghout@sri.org](mailto:barghout@sri.org)

Diesel Hybrid Technologies: Hybrid powertrains and advanced transmissions for testing and data collection using standard testing protocols for in-use technology performance, including emission reductions, fuel economy improvements, vehicle performance, etc. Long term testing may also be included to evaluate durability, maintenance requirements, seasonal impacts, etc. For more information, please contact Tim Hansen, Southern Research, at (919) 806-3456 or [hansen@sri.org](mailto:hansen@sri.org)

Sustainable and Renewable Energy Technologies: Advanced energy technologies that produce or use sustainable or renewable energy sources. Areas of interest include, but are not limited to: technologies for production and/or cleaning of biofuels from wastes, biomass, or agricultural processes, technologies that utilize biofuels from wastes, biomass, or agricultural processes to produce electric or mechanical power or provide heat for various end uses, novel, economical solar energy technologies, including photovoltaics for production of hydrogen, and small scale geothermal technologies. For more information, please contact Jeff Barghout, Southern Research, at (919) 806-3456 or [barghout@sri.org](mailto:barghout@sri.org)

Additional information on current open ETV vendor solicitations is available at <http://www.epa.gov/etv/vendors/vendannounce.html>

#### UPCOMING CONFERENCES AND MEETINGS

A complete list of ETV meetings, conferences, and presentations is available on the ETV Calendar at <http://www.epa.gov/etv/calendar/current.html> Meetings that may be of particular interest at which ETV is exhibiting and/or participating are:

April 25-26, 2007 -- The EPA Board of Scientific Counselors (BOSC) will conduct a review of the ETV Program as part of EPA's Sustainable Technology and Science research area at the U.S. EPA Andrew W. Breidenbach Environmental Research Center in Cincinnati, OH. Participation by the public is welcome and there will be opportunity for public comment. For more information, or if you are interested in attending the BOSC meeting, please contact Evelyn Hartzell, EPA, at (513) 569-7728 or [hartzell.evelyn@epa.gov](mailto:hartzell.evelyn@epa.gov).



April 30 - May 3, 2007 -- Small Business Innovation Research (SBIR) National Conference. Sheraton Imperial Hotel and Convention Center, RTP/Durham, NC. Conference attendees will be offered flexible multi-track sessions in order to select topics of highest relevance to the current state of their business. For newcomers to the SBIR/STTR programs, attendees will learn how to apply and win some of the \$2.2 billion in Federal grants and contracts. For those who have reached the Phase 1 funding milestone, learning will focus on how to stay on track for success and achieve next level funding. For the multiple award winner, details on moving to full commercial operation will cover procurement, business development, technology and financing. More info at <http://www.sbtcd.org/events/sbir/2007>

May 7-10, 2007 -- WasteExpo 2007. Atlanta, GA. WasteExpo is America's largest solid waste and recycling tradeshow designed to serve both the private and public sectors. The event will include over 500 exhibitors featuring the latest equipment and technology in the industry. The ETV Program will exhibit with the EPA National Risk Management Research Laboratory. For more information, please visit <http://wasteexpo.com/>

May 8, 2007 -- The EPA ETV and SBIR Programs will host a joint regional outreach workshop. EPA Region 6 offices in Dallas, TX. The theme of the workshop is New Technology for Environmental Solutions Collaborating for Results. For more information, please contact Abby Waits, EPA, at (513) 569-7884 or [waits.abby@epa.gov](mailto:waits.abby@epa.gov)

May 8-11, 2007 -- The Electric Power Research Institute's (EPRI) Continuous Emissions Monitoring Program and Salt River Project will host a meeting of the Utility Continuous Emissions Monitoring (CEM) User Group in Phoenix, AZ. The purpose of this meeting is to bring together the industry experience with CEM equipment to share solutions to common operating problems. Tom Kelly, Battelle, of the ETV Advanced Monitoring Systems Center, will present a paper entitled, EPA ETV Verification Tests of Mercury Emission Monitoring Systems. For more information, please visit <http://www.epri.com/>

May 9, 2007 -- The annual ETV Team Meeting. EPA Region 6 offices in Dallas, TX. The meeting will follow the ETV and SBIR joint regional outreach workshop. For more information, please contact Abby Waits, EPA, at (513) 569-7884 or [waits.abby@epa.gov](mailto:waits.abby@epa.gov)

May 15-19, 2007 -- The World Environmental and Water Resources Congress. Tampa, FL. This congress is designed to bring together professionals from water- and environmental-related fields to share insights from research and case studies in the field, and to generate best practices for the future. This congress will focus on habitat restoration and will highlight local, national, and international issues. Ray Frederick, EPA, of the ETV Water Quality Protection Center, plans to present on verification activities. For more information, please visit <http://content.asce.org/conferences/ewri2007/index.html>

May 21-24, 2007 -- The 2007 Joint Services Environmental Management (JSEM) Conference will be held in Columbus, OH. JSEM is designed to highlight the many new and innovative ways that the Department of Defense, other Federal agencies, states, the defense industry, and other partners are meeting their mission needs while protecting the environment. JSEM is intended to address a wide range of perspectives, including policy, implementation, Best Management

Practices, data management, and technology. The ETV Program will exhibit with the EPA National Risk Management Research Laboratory. For more information, please visit <http://www.jsemconference.com/2007/index.htm>

June 11-14, 2007 -- The U.S. EPA will sponsor the 26th Annual Conference on Managing Environmental Quality Systems in Cleveland, OH. This conference is a national forum for disseminating and exchanging information on managing the quality of environmental data, discussion and action on issues of national concern, training, and technical presentations. The conference is open to all interested members of the environmental community, including representatives from EPA, other Federal agencies, state, local and Tribal governments, academia, and the private sector. Lora Johnson, EPA, will give a presentation entitled, In Pursuit of an International Approach to Quality Assurance for Environmental Technology Verification. For more information, please visit <http://www.epa.gov/quality/meeting.html>

June 17-20, 2007 -- The American Society of Agricultural and Biological Engineers (ASABE) 2007 Annual International Meeting. Minneapolis, MN. This event is designed to provide agricultural and biological engineers with specialized technical session presentations and divisional poster sessions to inform the industry on cutting-edge technologies and the latest research. The ETV ESTE project for Pesticide Drift Reduction Technology plans to participate in the meeting. For more information, visit <http://www.asabe.org/meetings/aim2007/index.htm>

June 19-22, 2007 -- Community Involvement Conference and Training, Jacksonville, FL. This EPA conference brings together public participation and community involvement professionals from EPA and its federal, state, tribal, and local partners. The theme of this conference is Community Involvement: Celebrating the Past, Looking to the Future. It will celebrate the successes of the past ten years and also explore forward-looking, innovative approaches for government to interact with communities to promote the protection and sustainability of the environment. The conference will include several plenary sessions and dozens of engaging and interactive concurrent sessions. It also will feature field trips, exhibits, a poster session, evening activities, and many networking opportunities. Several four- and eight-hour post-conference training workshops will be offered. For more information and to register, see <http://www.epa.gov/superfund/action/community/ciconference/>

June 24-28, 2007 -- The American Water Works Association (AWWA) 2007 Annual Conference and Exposition. Toronto, Ontario, Canada. ACE07 is intended to provide knowledge and insight on cutting edge research and best practices in the water industry, as well as the latest in products and services to help ensure safe water. The conference and exposition will include: in depth and interactive workshops, a professional program of more than 98 sessions with presentations from experts in the water industry, local facilities tours, more than 500 exhibitors, and multiple networking opportunities. The ETV Program will exhibit. For more information, please ACE07 web site at <http://secure.awma.org/ACE2007/>

June 26-29, 2007 -- The Air and Waste Management Association (AWMA) 100th Annual Conference and Exhibition. Pittsburgh, PA. The theme of this year's conference is Energizing Environmental Solutions. Drew Trenholm of RTI International, center manager for the ETV Air Pollution Control Technology Center, will present two papers entitled, Environmental Technology

Verification of Baghouse Filtration Products and Environmental Technology Verification of Retrofit Emission Controls for Heavy Duty Diesel Engines. The ETV Program will also exhibit. For more information, please visit A&WMA web site at <http://www.awma.org/ACE2007/>

Spring/Summer 2007 -- The EPA ETV and SBIR Programs will host a joint outreach workshop at EPA Region VI offices in Dallas, TX. The workshop will be held at the EPA Region VI offices in Dallas, TX, and will feature sessions on technology verification and development activities conducted and supported by the ETV and SBIR Programs. The workshop will also include opportunities for representatives from the regional office and from state and local agencies/organizations to provide feedback on priority technology areas and information needs. The meeting will be held in late-Spring or early-Summer 2007 (dates are to be determined). Additional information will be available on the ETV Web Site at <http://www.epa.gov/etv/>

Visit the ETVoice Archive at <http://www.epa.gov/etv/etvoice/> and catch up on information previously highlighted. The ETV Web Site, at <http://www.epa.gov/etv/> additional information on the ETV Program covering general program topics, as well as detailed information on each of the ETV verification centers.

#### UPCOMING SMALL BUSINESS INNOVATION RESEARCH (SBIR) WORKSHOPS

Several of the events listed below are non-EPA sponsored events, EPA lists them for your information only and is not responsible for the content or the information distributed at the listed events. For more information about these events, go to the web address listed for each or go to: <http://www.zyn.com/sbir/cal/> or <http://www.ssti.org/Calendar/calendartext.htm>

April 30 May 3, 2007 -- Spring 2007 SBIR National Conference. Research Triangle Park, North Carolina. The conference will draw a national audience of R&D focused small businesses/entrepreneurs, university faculty, and potential collaborators together to learn about the \$2.2 Billion available in FY07 from the government's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs. More info at <http://www.sbtdec.org/technology/sbirsttr.asp>

May 9-10, 2007 -- Rocky Mountain Regional SBIR Conference. Denver, Colorado. Meet one-on-one with program managers, network with large corporate sponsors, and collaborate with industry clusters and neighboring state technologists at the Rocky Mountain Regional SBIR Conference. For more info, contact Russ Farmer at [info@sbircolorado.org](mailto:info@sbircolorado.org)

June 19-21, 2007 -- Connecticut SBIR Workshop. East Hartford, CT. Present EPA's SBIR program and discuss EPA's Solicitation and solicitation topics with small businesses from Connecticut and from throughout the USA with a focus on innovation in manufacturing. More at <http://ccat.us/sbir/conference/overview.php>

Aug 20-23, 2007 -- National SBIR Phase II Conference 2007. Hyatt Regency, Crystal City, VA. Beyond Phase II: Ready for Transition. At the 2007 National SBIR Phase II Conference, hundreds of Phase II companies ready to transition will meet with hundreds of end users to discuss commercialization and create partnerships. More info at <http://www.dodsbir.com/conference/beyondphase2.htm>

October 29 - November 1, 2007 -- Fall 2007 NATIONAL SBIR/STTR SBIR Conference. Richardson, TX. More info at [http://www.texasone.us/site/PageServer?pagename=nat\\_conference](http://www.texasone.us/site/PageServer?pagename=nat_conference)

#### UPCOMING EVENTS

#### March/APRIL 2007 ITRC INTERNET-BASED TRAINING COURSES

The Interstate Technology & Regulatory Council (ITRC) offers a wide variety of Internet-based training courses on innovative environmental technologies and approaches specific to the areas of site characterization, monitoring and remediation.

#### Upcoming courses:

- Characterization, Design, Construction and Monitoring of Bioreactor Landfills, 4/19/07
- Planning and Promoting of Ecological Land Reuse of Remediated Sites, 4/24/07
- Evaluating, Optimizing, or Ending Post-Closure Care at Municipal Solid Waste Landfills, 4/26/07
- Vapor Intrusion Pathway: A Practical Guideline, 5/8/07
- Radiation Risk Assessment: Updates and Tools, 5/15/07
- An Overview of Direct-push Well Technology for Long-term Groundwater Monitoring, 5/17/07

On-line course registration opens 4-6 weeks before each session. Go to <http://clu-in.org/studio/seminar.cfm#upcoming> To register for ITRC training hosted by EPA's Clu-In. Dates subject to change. If you have additional questions after completing the on-line registration form please call 402-201-2419 or e-mail [training@itrcweb.org](mailto:training@itrcweb.org)

ITRC is a program of the Environmental Research Institute of the States (ERIS), a nonprofit corporation operating in support of the Environmental Council of the States (ECOS). Registration information for the ITRC's no cost courses is available at: <http://www.clu-in.org/studio> or <http://www.itrcweb.org> Click on Internet-based Training or Contact Mary Yelken.

April 15-17, 2007 -- HEI Annual Meeting. The Drake Hotel, 140 E Walton, Chicago, IL. Participants will have a chance to attend scientific sessions on a variety of timely topics related to air pollution and health, exchange ideas with more than 50 investigators while viewing posters of results from studies in progress. Contact Stacey Katz, 202-343-9855. More info at <http://www.healtheffects.org>

April 23-25, 2007 -- USEPA NCER/NCEE Valuation of Ecological Benefits Workshop. Crown Plaza, Washington National Airport Hotel. EPA's National Center for Environmental Research (NCER) and National Center for Environmental Economics (NCEE) are sponsoring a meeting to discuss research being conducted on ecological valuation. The meeting will consist of a series of presentations and discussions by researchers from the NCER Science To Achieve Results (STAR) grant program, NCEE, other EPA offices, and universities. There will be presentations on the estimation of values for ecological goods and services such as water quality, wetlands, riparian

habitat, and aquatic resources. Other presentations will be on improved methods for benefit transfer. This meeting is open to all who are interested about this exiting research area. Contact: William Wheeler ([wheeler.william@epa.gov](mailto:wheeler.william@epa.gov)), (202) 343-9828, Cynthia Morgan ([morgan.cynthia@epa.gov](mailto:morgan.cynthia@epa.gov)), (202) 566-2296, or Tina Conley ([conley.tina@epa.gov](mailto:conley.tina@epa.gov)), (202) 343-9829.

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April 24-25, 2007 -- National Sustainable Design Expo featuring EPA's P3 Award. National Mall, Washington, DC. Hundreds of the country's most innovative college students will showcase their designs for sustainability on the National Mall in Washington, DC, along with our P3 partners and other sustainable technology developers. This will be a unique opportunity to meet more than 300 university students from around the country who will be exhibiting their designs for a sustainable tomorrow. The winners of EPA's P3 People, Prosperity, and the Planet design competition are bringing their projects to the National Mall in Washington, D.C. to compete for the 3rd Annual P3 Awards. At the Mall event, you will see novel designs for green buildings, new ideas for bringing clean drinking water to undeveloped nations, innovative fuel cell technologies, and much more. Contact Cynthia Nolt-Helms ([nolt-helms.cynthia@epa.gov](mailto:nolt-helms.cynthia@epa.gov)), EPA, NCER, (202) 343-9693, Estella Waldman ([waldman.estella@epa.gov](mailto:waldman.estella@epa.gov)), EPA, NCER, (202) 343-9803, Mary Wigginton ([wigginton.mary@epa.gov](mailto:wigginton.mary@epa.gov)), EPA, NCER, (202) 343-9861, or Tina Conley ([conley.tina@epa.gov](mailto:conley.tina@epa.gov)), EPA, NCER, (202) 343-9829. More info at <http://www.epa.gov/P3>

May 21-23, 2007 -- International Science Forum on Computational Toxicology. EPA Main Facility, Research Triangle Park, NC. Designed for public, private sector and academic researchers active in the field as well as risk assessors and risk managers, the forum will highlight progress in the use of modern molecular biological and chemical based tools on the assessment of exposure, hazard and risk of environmental chemicals. Approximately 50 invited speakers from around the world will present the latest advances in computational toxicology. Contact Gene Stroup ([stroup.gene@epa.gov](mailto:stroup.gene@epa.gov)), 919-541-1894 or Karen Dean ([dean.karen@epa.gov](mailto:dean.karen@epa.gov)) More info at <http://www.epa.gov/ncct/forum>

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Technology program and The Environmental Technology Opportunities Portal (ETOP), please visit our Web Site at <http://www.epa.gov/etop> We hope that you will find this service to be helpful and informative, and look forward to hearing from you. Comments and suggestions are encouraged and can be e-mailed to the listserver.